

I CLAIM:

1. A sliding carriage for a vertical blind, said sliding carriage being movable within a support rail, and comprising:

5        a main body adapted to be mounted slidably within the support rail and having a bottom face and two opposite side faces, said main body including a receiving space, a first hole that opens in said bottom face and that is in communication with said receiving space, and a second hole that opens in at least one of said side faces and that intersects said first hole below said receiving space;

10      a slat hanging unit including a head portion rotatable about a vertical axis and inserted into said receiving space through said first hole, a clip connected to said head portion and extending outwardly of said main body, and a neck portion between said head portion and said clip; and

15      a clamp unit inserted into said second hole and holding rotatably said neck portion.

20      2. The sliding carriage as claimed in Claim 1, wherein said main body further includes a third hole that opens in both of said side faces and that is in communication with said receiving space, said sliding carriage further comprising a driving unit inserted into said third hole for rotating said head portion.

25      3. The sliding carriage as claimed in Claim 2, wherein

said head portion has gear teeth, said driving unit being a worm meshing with said gear teeth to rotate said head portion.

4. The sliding carriage as claimed in Claim 1, wherein  
5       said clamp unit is formed as a plate having a pair of interconnected opposite arms that define therebetween a substantially circular slot for receiving rotatably said neck portion, and an elongated slit connected to and extending outwardly from said slot, said slit being  
10      narrower than said slot.

5. The sliding carriage as claimed in Claim 4, wherein  
      said second hole has two open ends which extend respectively through said side faces, said main body further including a stop member formed within said second  
15      hole and connected to one of said side faces, said stop member dividing one of said open ends into two openings at said one of said side faces, said stop member having two abutment faces, said arms having distal ends to abut respectively against said abutment faces.

20     6. The sliding carriage as claimed in Claim 1, wherein  
      said head portion has a protruding spindle on a top end thereof, said main body further having an inner wall which defines said receiving space and which is formed with a groove for receiving said spindle.